

Application Serial No. 10/501,438
Filed: July 13, 2004
A. Bertha

IN THE CLAIMS:

Claims 1-2: Canceled.

3. (Currently Amended) Method for obtaining an antibody having anti-tumor properties substance from even-toe hooved mammals (artiodactylous animals) having leucosis, characterized in that said substance being wherein said antibody is taken from the colostrums of the animal.

4. (Currently Amended) The method as claimed in claim 3, comprising the steps of:
- a) shaking the colostrum is shaken with a 1:1 mixture of i-propyl comprising an alcohol and an organic solvent chloroform of identical volume on room temperature through a predetermined period of time;
 - b) centrifuging the material is centrifuged at a speed of at least 5000 rev/min through a further predetermined period in a cooled state;
 - c) separating the floating upper layer and the medial crust layer from the rest of the material are separated, and the rest of the material is diluted with the addition of a mixture of chloroform and benzyl alcohol to take the original volume and shaken for a given period;
 - d) the material is stored at a temperature of +2-4°C;
 - e) the material is centrifuged just as in step b) and the organic phase is spilled;
 - f) freezing the floating upper layer is deep frozen and freeze dried and being diluted by means of a physiologic saline solution.

Claim 5: Canceled.

6. (New) The method of claim 4, wherein said method further comprises the step of freezing the medial crust layer.

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7. (New) The method of claim 6, wherein said method further comprises the steps:
 - c) shaking the rest of the material obtained in step c) with a mixture comprising an organic solvent and an alcohol;
 - d) centrifuging the diluted rest of the material obtained in step e); and
 - e) separating and freezing the upper layer of the diluted rest of the material obtained in step d).

8. (New) The method of claim 4, wherein said organic solvent of step a) is chloroform and said alcohol is i-propyl alcohol.

9. (New) The method of claim 4, wherein said organic solvent and said alcohol is in a ratio of about 1:1.

10. (New) The method of claim 4, wherein said centrifuging step b) is in a cooled state.

11. (New) The method of claim 4, wherein said centrifuging step b) is done at a speed of at least 5000 rev/min.

12. (New) The method of claim 4, wherein said upper layer is stored at a temperature of +2-4°C prior to said freezing step d).

13. (New) The method of claim 4, wherein said method further comprises step d) freeze drying the upper layer.

14. (New) The method of claim 13, wherein said method further comprises step f) diluting said upper layer to a therapeutically effective concentration.

15. (New) The method of claim 6, wherein said method further comprises freeze drying the medial crust layer.

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16. (New) The method of claim 6, wherein said method further comprises combining the upper layer with the medial crust layer.

17. (New) The method of claim 7, wherein said organic solvent of step f) comprises chloroform and said alcohol comprises benzyl alcohol.

18. (New) The method of claim 7, wherein said organic solvent and said alcohol in step f) is in a ratio of about 1:1.

19. (New) The method of claim 7, wherein said method further comprises the step of freezing said upper layer obtained in step g).

20. (New) The method of claim 19, wherein said method further comprises freeze drying said upper layer.

21. (New) The method of claim 7, wherein said upper layer obtained in step g) is combined with said upper layer obtained in step c).

22. (New) The method of claim 4, wherein said mixture of step a) is chloroform and i-propyl alcohol in a ratio of about 1:1, said medial crust layer is combined with said upper layer, and said method further comprises the steps of:

- c) shaking the rest of the material obtained in step c) with a mixture comprising chloroform and benzyl alcohol in a ratio of about 1:1;
- f) centrifuging the diluted rest of the material obtained in step e); and
- g) separating the upper layer of the diluted rest of the material obtained in step f);
- h) combining said upper layer obtained in step c), said medial crust layer obtained in step c), and said upper layer obtained in step f).

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23. (New) The method of claim 22, further comprising freezing the mixture obtained in step h).

CONCLUSION

Applicant submits that the claims are in condition for allowance, and such action is respectfully requested. If the Examiner should have any questions concerning this communication or feels that an interview would be helpful to expedite allowance of this case, the Examiner is requested to call Applicant's undersigned attorney.

Respectfully submitted,



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